DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

114° 26' 00" W — 114° 25' 00" W — 901-0 — 902-0 — 114° 20' 00" W — 114° 15' 00" W — 903-0 — 114° 10' 00" W — 114° 09' 00" W

40° 55' 00" N

40° 50' 00" N

40° 45' 00" N

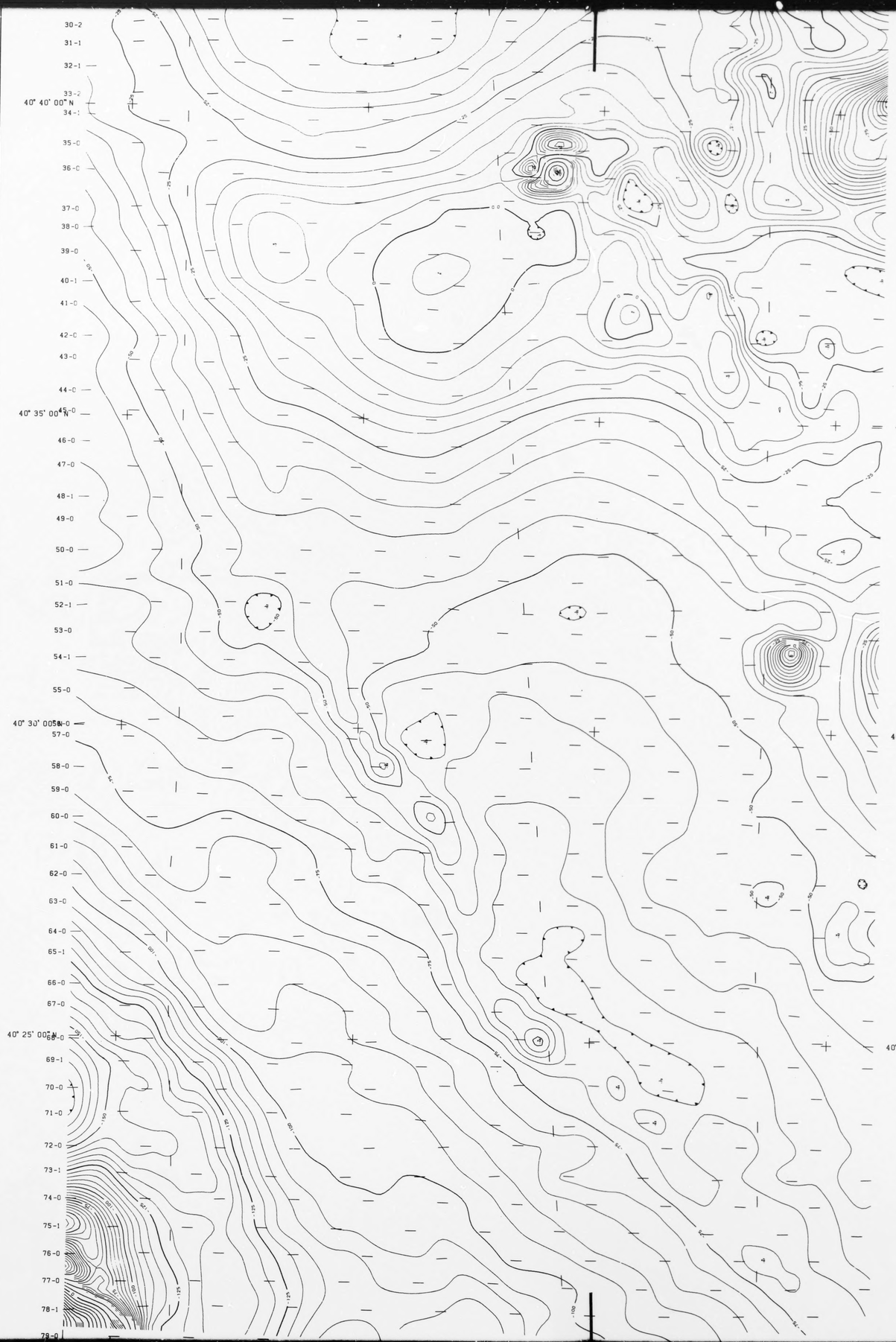
40° 40' 00" N

SURVEY SPECIFICATIONS

Contour Interval: 10 Gammas
Flight Line Spacing Traverse Lines: 0.50 Mile
Tie Lines : 5.0 Miles
Flight Line Direction: EAST - WEST
Tie Line Direction : NORTH - SOUTH
Sample Interval: 196.8 Feet
Flight Path Recorded: JVC Color Video Camera
Digital Acquisition System: Geometrics G-714
Survey Altitude: 1000 Feet MTC
Latitude and Longitude Interval: 5.0 Minutes
Projection: Universal Transverse Mercator
Spheroid: Clarke 1866 Spheroid
Grid Zones: 11
Flight line recovery: Visually to 1:24000 USGS topos
Magnetometers: Geometrics G-813 Proton Precession

N

87-336
1 plate



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Spheroid:	Clarke 1866 Spheroid
Flight line recovery:	Visually to 1:24000 USGS topos
Magnetometers:	GeoMetrics G-813 Proton Precession
Sensitivity:	0.01 Gamma
Flown:	March, 1986
Flown by:	Airborne Geophysics, Inc.
Compiled by:	EG&G GeoMetrics

Corrected Total Intensity Magnetometer Value Before Removal of IGRF

X-LCTN-METERS :	716663.25
Y-LCTN-METERS :	467937.31
TIME :	9.4950
MAG-CORR-ONL-GAMMAS :	54105.39

PROCESSING DETAILS:

Reference field:	1980 IGRF Updated to 1986.3
Diurnal:	Removed
Type of Filtering:	None
Levelling:	DC Bias adjusted by least squares
Interpolation Method:	Minimum Curvature with Bicubic Spline
Magnetic Declination:	15.08 Degrees
Primary Grid Size:	365.76m by 365.76m
Tie Lines were not used in Interpolation:	
Type of Data:	Gradient Enhanced Residual Magnetic Data From Horizontal Gradiometer:

INDEX MAP OF NEVADA

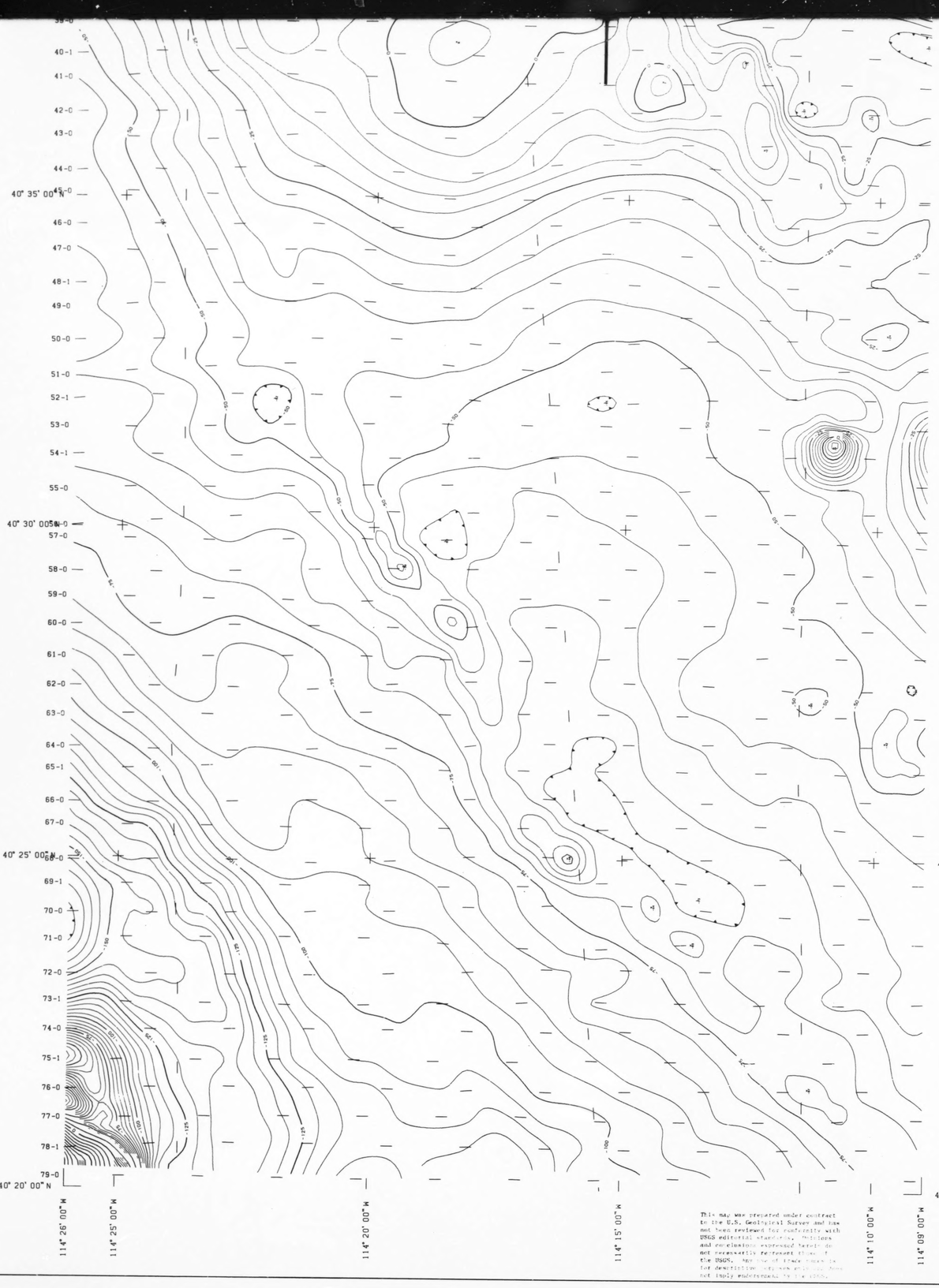
Shaded area shows location of Goshute area

AEROMAGNETIC MAP OF THE GOSHUTE AREA, NORTHEASTERN NEVADA

BY

U.S. GEOLOGICAL SURVEY

1987



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AEROMAGNETIC MAP OF THE GOSHUTE AREA, NORTHEASTERN NEVADA

BY

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This map was prepared under contract to the U.S. Geological Survey and has not been reviewed for conformity with USGS editorial standards. Opinions and conclusions expressed herein do not necessarily represent those of the USGS. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

SCALE 1:50,000

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS